

430 CAGGTGCTGGAGGACATCACTGTCAGACACAAAAGCCCGCGACATCCCTCAGGGCTCC 489

161 LeuAlaTyLeuGluGlnAlaSerAlaAsnIleProAlaProLeuLysProThr 178

490 TTGGCCTACCTGGAGCAGGATCTGCCAACATCCCTGCACCTCTGAAGCCAACG 543

RESULT 3

AX017517

LOCUS AX017517 1071 bp DNA linear PAT 07-SEP-2000

DEFINITION Sequence 65 from Patent WO9947655.

ACCESSION AX017517

VERSION AX017517.1 GI:10042314

KEYWORDS Homo sapiens (human)

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 Schmitt,A., Specht,T., Dahl,E., Hinzmann,B., Rosenthal,A. and Pilarsky,C.

AUTHORS Human nucleic acid sequences from normal breast tissue

TITLE PATENT: WO 9947655-A 65 23-SEP-1999;

JOURNAL SCHMITT ARMIN (DE); SPECHT THOMAS (DE); DAHL EDGAR (DE); HINZMANN BERND (DE); ROSENTHAL ANDRE (DE); METAGEN GES FUER GENOMFORSCHUN (DE); PILARSKY CHRISTIAN (DE)

FEATURES

source Location/Qualifiers

1..1071

/organism="Homo sapiens"

/mol\_type="genomic DNA"

/db\_xref="taxon:9606"

BASE COUNT 281 a 218 c 255 g 317 t

ORIGIN

Alignment Scores:

Pred. No.: 1,24e-68 Length: 1071

Score: 918.00 Matches: 178

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 6 Gaps: 0

US-10-029-137-2 (1-178) x AX017517 (1-1071)

Qy 1 MetAlaAlaProLeuGlyGlyMetPheSerGlyGlnProProGlyProProGlnAlaPro 20

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Qy 21 ProGlyLeuProGlyGlnAlaSerLeuGlnAlaProGlyAlaProArgProSer 40

Db 70 CCGGGCTTCGGGCGCAGCTTCCTTCAGGACGCTCCAGGCGCTCTTAGACCTTCC 129

Qy 41 SerSerThrLeuValAspGluLeuGluSerSerPheGluAlaCysPheAlaSerLeuVal 60

Db 130 AGCAGTACTTTGGTGGACGATGGAGTGCATCTTTCGAGGCTTGTTCGATCTCTGGTG 189

Qy 61 SerGlnAspTyrValAsnGlyThrAspGlnGluLeuLeuThrGlyValAspGlnCys 80

Db 190 AGTCAGACATATGTCATGGCCAGCATCAGGAAGAAATTCGACCGGTGTTCAGTGT 249

Qy 81 IleGlnLysPheLeuAspIleAlaArgGlnThrGluCysPhePheLeuGlnLysArgLeu 100

Db 250 ATCCAGAAGTTTCTGGATATTGACAGACACAGAGAATGTTTCTTACAAAAGATTG 309

Qy 101 GlnLeuSerValGlnLysProGluGlnValIleLysGluAspValSerGluLeuArgAsn 120

Db 310 CAGTATTCCTGCAGAAACACAGACGAGGTATCAAGAGAGATGTGTGAGACTAAGGAAT 369

Qy 121 GluLeuGlnArgLysAspAlaLeuValGlnLysHisLeuThrLysLeuArgHisTrioGln 140

Db 370 GAATTACAGCGGAAGATGCACTAGTCCAGAGACATTGACAAAGCTGAGGCATTTGGCAG 429

Qy 141 GlnValLeuGluAspIleAsnValGlnHisLysLysLysProAlaAspIleProGlnGlySer 160

430 CAGGTGCTGGAGGACATCACTGTCAGACACAAAAGCCCGCGACATCCCTCAGGGCTCC 489

161 LeuAlaTyLeuGluGlnAlaSerAlaAsnIleProAlaProLeuLysProThr 178

490 TTGGCCTACCTGGAGCAGGATCTGCCAACATCCCTGCACCTCTGAAGCCAACG 543

RESULT 4

BD135207

LOCUS BD135207 1071 bp DNA linear PAT 18-SEP-2002

DEFINITION Human nucleic acid sequence originating in normal mammary tissue.

ACCESSION BD135207

VERSION BD135207.1 GI:23230152

KEYWORDS JP 2002506639-A/54.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 (Bases 1 to 1071)

AUTHORS Speft,T., Hintzman,B., Shcmitt,A., Pirarski,C., Duhl,B. and Rosenthal,A.

TITLE Human nucleic acid sequence originating in normal mammary tissue

JOURNAL PATENT: JP 2002506639-A 54 05-MAR-2002;

COMMENT METAGEN GESSELLSCHAFT FUER GENOME FORSCHUNG MBH

OS Homo sapiens (human)

PN JP 2002506639-A/54

PD 05-MAR-2002

PF 19-MAR-1999 JP 2000536838

PR 20-MAR-1998 DE 198 13 835.0

PI THOMAS SPEFT, BERND HINTZMAN, ARMIN SHCMITT, CHRISTIAN PIRARSKI,

PI EDGAR DUHL,

P1 ANDRE ROSENTHAL

PC C12N15/09,A61K48/00,A61P35/00,A61P43/00,A61P43/00,C07K14/47,

PC C07K16/18

PC C12N1/21,C12N5/10,C12P21/02,C12Q1/68,G01N33/68//A61K38/00, PC C12N15/00,

CC C12N5/00,A61K37/02

CC Human nucleic acid sequence originating in normal mammary CC

FT source 1..1071

FT Location/Qualifiers

1..1071

/organism="Homo sapiens"

/mol\_type="genomic DNA"

/db\_xref="taxon:9606"

BASE COUNT 281 a 218 c 255 g 317 t

ORIGIN

Alignment Scores:

Pred. No.: 1,24e-68 Length: 1071

Score: 918.00 Matches: 178

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 6 Gaps: 0

US-10-029-137-2 (1-178) x BD135207 (1-1071)

Qy 1 MetAlaAlaProLeuGlyGlyMetPheSerGlyGlnProProGlyProProGlnAlaPro 20

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Qy 21 ProGlyLeuProGlyGlnAlaSerLeuGlnAlaProGlyAlaProArgProSer 40

Db 70 CCGGGCTTCGGGCGCAGCTTCCTTCAGGACGCTCCAGGCGCTCTTAGACCTTCC 129

Qy 41 SerSerThrLeuValAspGluLeuGluSerSerPheGluAlaCysPheAlaSerLeuVal 60

Db 130 AGCAGTACTTTGGTGGACGATGGAGTGCATCTTTCGAGGCTTGTTCGATCTCTGGTG 189

Qy 61 SerGlnAspTyrValAsnGlyThrAspGlnGluLeuLeuThrGlyValAspGlnCys 80

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 541 GAGCAAGGGGCGAGGAGGTGGCCCTATGAGTGGGCTGATGCGTGAAGTGGCCACACAT 600  
 545 GAGCAAGGGGCGAGGAGGTGGCCCTATGAGTGGGCTGATGCGTGAAGTGGCCACACAT 604  
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RESULT 5  
 AX015050  
 LOCUS AX015050 1088 bp DNA linear PAT 07-SEP-2000  
 DEFINITION Sequence 259 from Patent WO953040.  
 ACCESSION AX015050  
 VERSION AX015050.1 GI:10041189  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.  
 REFERENCE 1 Schmitt,A., Specht,T., Dahl,E., Hinzmann,B., Rosenthal,A. and  
 Pilarsky,C.  
 Human nucleic acid sequences from ovarian tumour tissue  
 Patent: WO 953040-A 259 21-OCT-1999;  
 JOURNAL SCHMITT ARMIN (DE); SPECHT THOMAS (DE); DAHL EDGAR (DE); HINZMANN  
 BREND (DE); ROSENTHAL ANDRE (DE); METAGEN GES FUER GENOMFORSCHUN  
 (DE); PILARSKY CHRISTIAN (DE)  
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 Best Local Similarity 99.9%; Fred. No. 3.9e-238;  
 Matches 1055; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CAAACATGGCGGCTCCACTAGGGGATGTTTCTGGGAGCAGCCCGGCTCCCTCAGG 60  
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RESULT 6  
 BC011936  
 LOCUS

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ORIGIN

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RESULT 3
AX017517 LOCUS
DEFINITION Sequence 65 from Patent WO9947655.
ACCESSION AX017517
VERSION AX017517.1 GI:10042314
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Schmitt,A., Specht,T., Dahl,E., Hinzmann,B., Rosenthal,A. and
Pillarsky,C.
TITLE Human nucleic acid sequences from normal breast tissue
JOURNAL Patent: WO 9947655-A 65 23-SEP-1999;
SCHMITT ARMIN (DE); SPECHT THOMAS (DE); DAHL EDGAR (DE); HINZMANN
BERND (DE); ROSENTHAL ANDRE (DE); METAGEN GES FUER GENOMFORSCHUN
(DE); PILLARSKY CHRISTIAN (DE)
FEATURES
source 1..1071
/organism="Homo sapiens"
/mol_type="genomic DNA"
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BASE COUNT 281 a 218 c 255 g 317 t
ORIGIN

Query Match 82.8%; Score 1060.4; DB 6; Length 1071;
Best Local Similarity 99.9%; Pred. No. 1.5e-239;
Matches 1061; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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183	DB	TGGTGAGTCAGCACTATGTCAATGGCACCGATCAGAGAGAAATTCGAACCGGTGTTGATC	244
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303	DB	GATTGCAGTTATCTGTCCGAAACACAGAGCAAGTTATCAAGAGGATGTGTGCAGAACTAA	364
304	DB		
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1024	DB		

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CUS	BD135207				
FINITION	BD135207				
TESSION	BD135207.1	GI:23230152			
RSION	JP 2002506639-A/54.				
FWORDS	Homo sapiens (human)				
JRCE					

ORGANISM	Homo sapiens																								
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.																								
AUTHORS	Speft, T., Hintzman, B., Shcmitt, A., Pirarski, C., Duhl, B. and Rosenthal, A.																								
TITLE	Human nucleic acid sequence originating in normal mammary tissue																								
JOURNAL	Patent: JP 2002506639-A 54 05-MAR-2002; METAGEN GESELLSCHAFT FUER GENOME FORSCHUNG MBH																								
COMMENT	OS Homo sapiens (human) PN JP 2002506639-A/54 PD 05-MAR-2002 PF 19-MAR-1999 JP 2000536838 PR 20-MAR-1998 DE 198 13 835 0 PI THOMAS SPEFT, BERND HINTZMAN, ARMIN SHCMITT, CHRISTIAN PIBARSKI, PI EDGAR DUHL, PI ANDRE ROSENTHAL PC C12N15/09,A61K48/00,A61P35/00,A61P43/00,A61P43/00,C07K14/47, PC C07K16/18, PC C12N1/21,C12N5/10,C12P21/02,C12Q1/68,G01N33/68//A61K38/00, PC C12N15/00, PC C12N5/00,A61K37/02 CC Human nucleic acid sequence originating in normal mammary tissue																								
FEATURES	<table border="0"> <tr> <td>PH</td><td>Key</td><td>Location/Qualifiers</td></tr> <tr> <td>FT</td><td>source</td><td>1..1071</td></tr> <tr> <td></td><td></td><td>/organism='Homo sapiens (human)'</td></tr> <tr> <td></td><td></td><td>Location/Qualifiers</td></tr> <tr> <td></td><td></td><td>1..1071</td></tr> <tr> <td></td><td></td><td>/organism='Homo sapiens'</td></tr> <tr> <td></td><td></td><td>/mbi_type='genomic DNA'</td></tr> <tr> <td></td><td></td><td>/db_xref='taxon:9606'</td></tr> </table>	PH	Key	Location/Qualifiers	FT	source	1..1071			/organism='Homo sapiens (human)'			Location/Qualifiers			1..1071			/organism='Homo sapiens'			/mbi_type='genomic DNA'			/db_xref='taxon:9606'
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		/db_xref='taxon:9606'																							
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ORIGIN																									
Query Match	82.8%; Score 1060.4; DB 6; Length 1071;																								
Best Local Similarity	99.9%; Pred. No. 1.5e-239;																								
Matches 1061;	Conservative 0; Mismatches 1; Indels 0; Gaps 0																								
Qy	1 CAAACATGGCGGCTCCACTAGGGGGTATGTTTTCGGCGAGCCACCCGGTCCCTCAGG 60																								
Db	5 CAAACATGGCGGCTCCACTAGGGGGTATGTTTTCGGCGAGCCACCCGGTCCCTCAGG 64																								
Qy	61 CCGCGCGGGCGCTCCGGGCCAGCTTCGTTCTTCAGGCAGCTCAGCGGCTCCTAGAC 120																								
Db	65 CCGCGCGGGCGCTCCGGGCCAGCTTCGTTCTTCAGGCAGCTCAGCGGCTCCTAGAC 124																								
Qy	121 CTTCCAGCAGTACTTTGGTGGACGAGTTGGAGTCATCTTTTCGAGGCTTTCCTTTCATCTC 180																								
Db	125 CTTCCAGCAGTACTTTGGTGGACGAGTTGGAGTCATCTTTTCGAGGCTTTCCTTTCATCTC 184																								
Qy	181 TGGTGAAGTCAGGACTATGTCAAATGGCAACCGATCAGGAAGAAATTCGAACCGGTGTGATC 240																								
Db	185 TGGTGAAGTCAGGACTATGTCAAATGGCAACCGATCAGGAAGAAATTCGAACCGGTGTGATC 244																								
Qy	241 AGTGATTCAGAGAGTTTCTTGATATTCGAAGACAGACAGAGATGTTTTTCTTACAAAAA 300																								
Db	245 AGTGATTCAGAGAGTTTCTTGATATTCGAAGACAGACAGAGATGTTTTTCTTACAAAAA 304																								
Qy	301 GATTGCAGTTTATCTGTCCAGAAACAGCAGCAGTTTATCAAAGAGGATGTGTGAGAACTAA 360																								
Db	305 GATTGCAGTTTATCTGTCCAGAAACAGCAGCAGTTTATCAAAGAGGATGTGTGAGAACTAA 364																								
Qy	361 GGAATGAATTACCGGGAAGATGCACTAGTCCAGAAAGCACTTTCGAAAGCTGAGGCATT 420																								
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Qy	421 GGCAGCAGGTGCTGGAGGACATCAACGTGCGACACAAAAAGCCCGCCGACATCCCTCAGG 480																								
Db	425 GGCAGCAGGTGCTGGAGGACATCAACGTGCGACACAAAAAGCCCGCCGACATCCCTCAGG 484																								
Qy	481 GCTCTCTGGCCTTACTTGAGCAGCGCATCTGCGAACATTCCTCTGACCTCTGGAAGCCAACT 540																								